Defense Logistics Agency

“GREEN” PRODUCTS & MORE FROM DLA

Karen Moran (presenter)

Prepared for the National Defense Industrial Association
30th Environmental and Energy Symposium & Exhibition
April 5-8, 2004
San Diego, California

DLA Support for Green Procurement

OVERVIEW FOR TODAY

- Green products
- MORE!
  - Services (some free!)
  - Environmental Attributes Initiative
  - New website tool for tracking green products

Green Product Highlights

- Re-refined Lubricating Oil
- Reclaimed Engine Coolant
- Energy Efficient Lighting
- Remanufactured Toner Cartridges
- Biobased Fuels
- Battery Consignment Program

Re-refined Lubricating Oil

- **Basic Re-refined Oil Program**
- **API certified oil in your choice of 5W-30, 10W-30, 15W-40, 30 and 40.**
- **No minimum orders.**
- **Packaged in Quarts, 5 Gallon Containers, and 55 Gallon Drums.**
- **API certified oil in your choice of 30, 40, 10W-30 and 15W-40**
- **World-wide delivery from Vendor to Customers**
- **Small minimum orders.**
- **Includes pick up of your used oil for refining**
- **Closed Loop Re-refined Oil Program**
- **CONUS delivery of packaged and bulk products, available in Quarts,**
  5 Gallon Containers, 55 Gallon Drums, and bulk deliveries.

Ordering:

MILSTRIP/FEDSTRIP, Fax 804-279-6730, Phone 877-352-2255, D932-7766
IMPAC Card through EMALL (www.emall.dla.mil)
See also: www.dscr.dla.mil/pol/ POC: Ernest Jeniolionis, D695-4257

Reclaimed Engine Coolant (aka Recycled Antifreeze)

- Conforms with EPA guidelines
- May be purer since recycling process reduces chlorines from hard water
- Commercial Item Description that replaces 3 Mil Specs, specs same for virgin, recycled
- Army – 3 years ago, use recycled only, DLA to do automatic substitution
- Other Services -- similar directions
- POC: Cliff Myers, D695-3995

Lighting

- Online energy efficient lighting catalog with over 5000 lighting items, such as compact fluorescent, high-pressure sodium, metal halide and low mercury fluorescent
- Projects /Initiatives
  - Tailored Logistic Support Projects
  - Over 25 Long term Contracts
  - Government/Industry Alliance: installation advice, training, new product development; DOE, EPA

Equipment CBU Heavy Equipment (HEPP)

- **Supports the Acquisition of Over 2,400 “Commercial Type” Heavy Equipment Products**
- **Multi-award commercial requirement contracts**
- **Focus: Tailored Customer Support**
  - Average Administrative Lead Time = 16 Days
  - Optional Ordering System
  - (MIPR or Requisition)
  - Credit Card Ordering
  - Interactive Web Catalogs
  - 1.387% Cost Recovery Rate
  - www.dscp.dla.mil/gi/general/hepp.htm

Construction Equipment, Material Handling Equipment, Fire Fighting/Rescue Vehicles & Environmental Products

★ 10 Year Contracts
 OEM’s
 Customization
 Full Range of Options
 Add/Delete Clause
 Leveraged Buying

Heavy Equipment Procurement Program

Equipment for environmental functions:

- Balers
- Crushers
- Compactors
- Shredders
- Recycling equipment
- Hazardous storage facilities

POCs: Judy Henry: 215-737-7256, DSN 444-7256,
Susan Weber: 215-737-7283, DSN 444-7283
http://dscp.dla.mil/gi/general/hepp.htm

Toner Cartridges

- EPA CPG item (non-paper office product)
- Used in laser printers, photocopiers, fax machines, and microphotographic printers
- When the toner is replaced, the cartridges can be returned to the manufacturer to be refilled, refurbished, and cleaned for resale.
- EPA recommends that agencies procure remanufacturing services for expended cartridges and, when such services are unavailable or not practicable, obtain remanufactured toner cartridges or new toner cartridges made with recovered materials from product vendors

Bio-based Fuels (aka Biofuels)

- Biodiesel, mono-alkyl esters of long chain fatty acids derived from vegetable oils or animal fats IAW ASTM D 6751, for use in diesel engines
- B20, a blend: 20% biodiesel & 80% low sulfur diesel fuel
- E85, a blend of 85% ethanol and 15% gasoline
- DLA's work with DOE on biofuels for Government fleets – began in 1999
- Driven by EO 13101 and 13149, Greening the Government Through Federal Fleet and Transportation Efficiency
  - Agencies to decrease petroleum consumption by 20% by 2005; 75% fleet to be alternatively fueled vehicles (AFV)
  - Biofuel use reduces regulated exhaust emissions and decreases petroleum imports

Biofuels

- ASTM standard for E85, none for B20
- Work to establish quality requirements for B20 so fuel works comparable to diesel
- Procurement clause established
- GSA approved B20 procured by DLA
- USPS, DOE, USDA, Park Service
- Recognized in 2003 with White House Closing the Circle Award in new Biobased category

POC: Pam Serino, D427-8363; George Atwood, D427-9509

Vehicular Battery Consignment Program

- Contract awarded April 2000 services all 50 states – current contractor is Exide
- Batteries included: 6TMF, 2HN, 4HN
- New Low Price: The 6TMF battery price is $72.21 for all sites (FY 2004 price).
- Direct Vendor Delivery for sites using 120 or fewer per year – order on as needed basis through MILSTRIP
- Consignment of 30 day supply for sites using 120 or more per year – over 200 sites – requires application
- Contractor takes away the unserviceables (disposals) on a one-for-one basis
- More info: http://www.dscr.dla.mil/vbcp2/ or contact:
  Tracy Tingley, D695-5426; Dale Roberts, D695-3866

Exploratory Initiatives

- Asbestos elimination efforts
- Testing commercial biobased hydraulic fluid
  - 2 rounds so far for 2 mil specs – none satisfied
  - Looking at: 3rd round; reformulation; commercial equip
- Biobased Cutlery
  - DLA let R&D contract in 2002; Natick R&D performing functionality & safety testing
  - Tests show vast improvement since 1999
  - Field testing at HQ DLA, July 2003
- Other: biodegradable plates, clam shells, food wraps, garbage bags; biobased adhesives

DLA Offers Services that are Environmentally-oriented

- Environmental Products website (EPP)
- Green shopping on EMALL
- Environmental Reporting Logistics System (ERLS)
- “Buying Green” course
- Hazardous Material Information Resource system (HMIRS)
- Hazardous Technical Info Service (HTIS)
- Joint Environmental Material Magnagement Service
- DRMS – including electronics demanufacturing
- ODS Reserve
- Energy support

EPP website (www.dlis.dla.mil/epp/)

Defense Logistics Information Service

"A Defense Logistics Agency Activity"

EPP

Questions? Ask Phyllis, Our Virtual Rep!

Home | Products | Services | Programs | Cataloging | Log Tools | Supplier | Training | Library

EPP
The DLA Environmentally Preferable Products Program

- Vendors, Manufacturers & Suppliers Area
- Find Environmentally Preferable Products
- EPP Program / Joint Group Affairs
- Links
- Definitions/Acronyms
- Site Map
- Feedback
- Home

Search EPP: GO

Welcome to the DLA Environmentally Preferable Products Program (EPP) Website

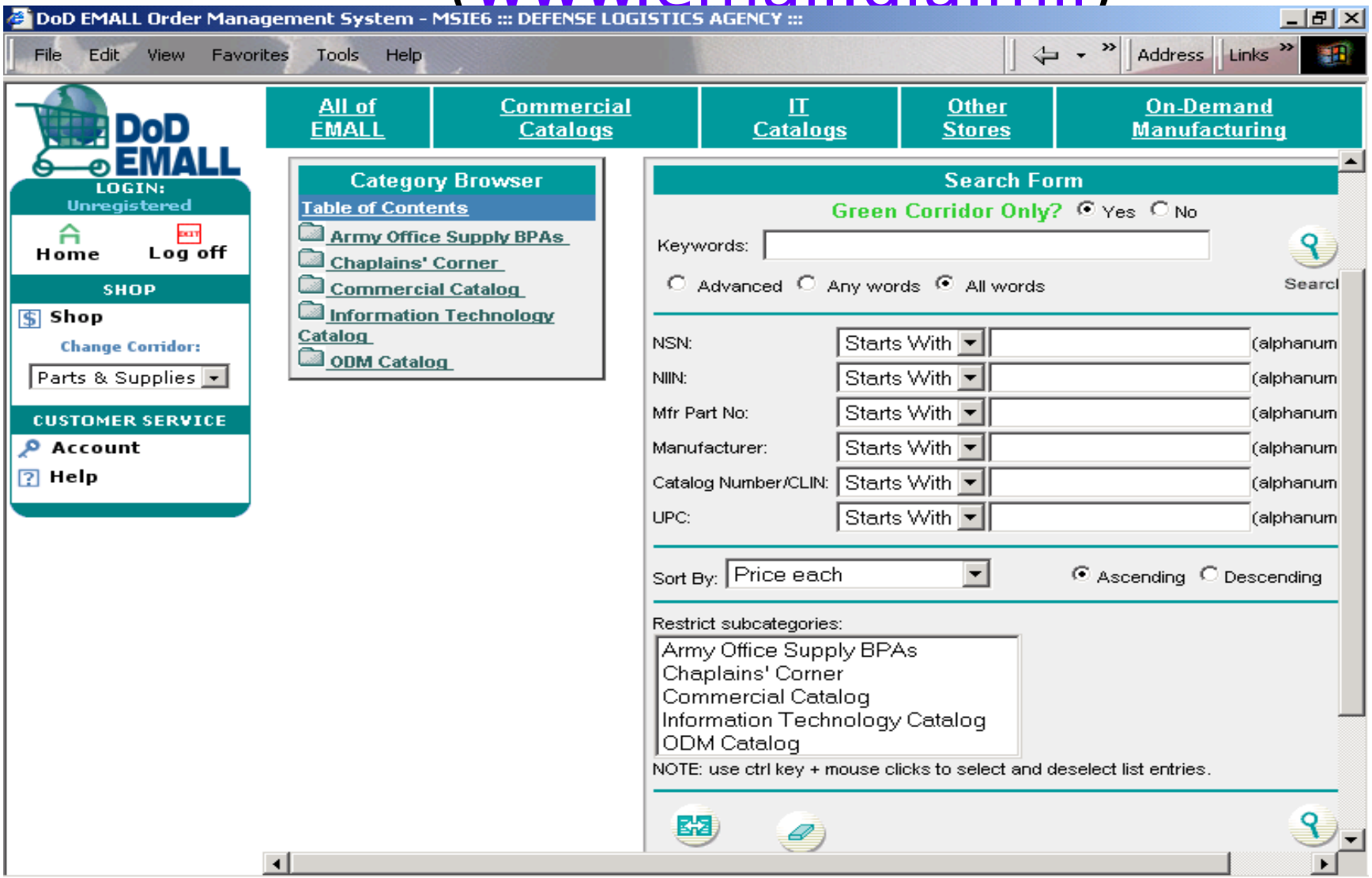
The Defense Logistics Agency, in concert with the military services and other federal agencies, including the Environmental Protection Agency, the United States Department of Agriculture and the General Services agency have collaborated to add a new element to the Federal Logistics Catalog System.

This new element, called an Environmental Attribute or Characteristic code (ENAC), identifies products that are environmentally preferable over other similar products, and signify that the product meets strict, definable environmental standards and criteria from an approved environmental body.

Who does EPP benefit?

- Military and federal agency customers worldwide can buy Environmentally Preferable Products from DLA with the confidence of knowing that the Environmental Attribute or Characteristic criteria has been reviewed and approved by a consensus of the military services and federal agencies through the DLA chaired Joint Group on Environmental Attributes.
- Vendors, manufacturers and suppliers selling environmentally preferable products to DLA now have the confidence of knowing that if their products meet any of our DLA Approved

EMALL -- DLA's electroninc shopping tool (www.emall.dla.mil)



Environmental Attribute Initiative

- Environmental Attribute Codes (ENAC) for NSN items in the Federal Logistics Information System (FLIS)
- Signifies that a product meets strict, definable environmental standards and criteria from an approved certifying organization
- Currently applied to roughly 3000 items managed by DLA and GSA

Environmental Attributes, continued

- DLA formed and chairs a **Joint Group on Environmental Attributes (JGEnvAtt)** to seek out and evaluate clearly definable environmental product criteria or ‘attributes’ from recognized environmental organizations
- JGEnvAtt process: Identify, evaluate and through a consensus building process, approve Environmental Attributes or criteria to be applied to products in the FCS.
  -- Voting Members: DLA, Army, Navy, Air Force, Marine Corps, GSA
  – Advisors: EPA, USDA, DOE, OSD

Environmental Attributes approved by the JGEnvAtt

- Recycled Content
- Energy Efficient
- Water Conserving
- Low VOC Content
- Low Standby Power
- Asbestos Alternative

Environmental Attributes approved by the JGEnvAtt, with detail

- **Recycled Content--** products that meet or exceed the specific product CPG: Comprehensive Procurement Guideline - Recovered Materials Advisory Notices (RMA N) as outlined on the EPA website.
- **Energy Efficient** -- products that meet DOE Energy-Efficient Products Standards -- products in the top 25 percent of energy efficiency for all similar products, or at least 10% more efficient than required by DOE standards, or meets efficiency criteria of the EPA/FDOE Energy Star label.
- **Water Conserving** -- Plumbing fixtures that meet or exceed the Department of Energy (DOE) Federal E nergy Management Program (FEMP) recommended performance standards for flow rates, and are in the upper 25% of energy efficiency of that product group.
- **Low VOC Content** – any product that meets the VOC content requirements established in the California South Coast Air Quality Management Source Specific Standards
- **Low Standby Power -- p**roducts that use minimal power when in a Low Standby mode, as outlined in Executive Order 13221 as listed in the Department of Energy Federal Energy Management Program (FEMP) listing of Stand by Power Devices
- **Asbestos Alternative -- r**eplacement for a product that normally contains asbestos and has less than 1.0 percent asbestos by weight or area (as determined using EPA Test method)

DLA Environmental Reporting Logistics System (ERLS) Website Tool

- To help manage & report green procurement at Service/Agency, installation or unit level
- Included in OSD Green Procurement Program metrics (draft)
- Website location www.dlis.dla.mil/erlsgpr
- Will establish a joint DoD functional group to review/approve system changes

DLA Environmental Reporting Logistics System (ERLS)

- Automated environmental tracking and reporting capability for hazardous, radioactive, and environmental items
- Begun in 1994 under PADUSD(ES) and DESCIM purview to meet reporting requirements of Executive Orders 12856 (completed 1998) and 12873 (P^2 module, completed 2000)
- (New) Perform functions required by Section 314 and OSD/OMB for “green” products

ERLS Green Procurement Report Functions

- Daily contract and requisition information on environmental items
- Quarterly, annual and YTD reports on requisitions of green items
- Report at DoDAAC level or summarize by Serivce/Agency
- Can include all items with environmental attribute codes (ENAC)
- Ability to capture “non-green” counterparts vs. environmentally friendly items
- (New) Web report – manage from field up

ERLS Interfaces

DLA Systems

SAMMS / BSM
CONTRACTS/REQUISITIONS
- DLA INVENTORY CONTROL POINTS

BOSS
CONTRACTS- DLA RETAIL SITES

FLIS
ENVIRONMENTAL ATTRIBUTE ITEMS

DFAMS/FAS
CONTRACTS/REQUISITIONS
- DLA FUEL DEPOTS

New

GSA
MARKETING INFORMATION SYSTEM-
REQUISITIONS FROM DEFENSE ACTIVITIE

Buying Green -- A Multifunctional Approach to Pollution Prevention

This 2-day workshop offered by the DLA Training Center (DTC) provides an overview of the Federal pollution prevention initiatives and how they relate to the DoD acquisition process.

Recently approved by the Interservice Environmental Education Review Board (ISEERB)!

- **Course Information**—Buying Green: A Multifunctional Approach to Pollution Prevention (DCPSO00R750)
- **POCs: Workshop Managers**; Sheryl Linzell, D850-5935, _and Gerard Nelson, D850-6166

Buying Green Workshop Highlights

- P2 Laws/Executive Orders/Regulations
- Affirmative Procurement Program
- Environmentally Preferred Products
- Life-cycle Costing
- Acquisition Planning
- FAR requirements

See:
http://www.hr.dla.mil/dtc/coursecatalog/EPHM/BG.htm

Hazardous Material Information Resource System (HMIRS)

- DoD central repository for Material Safety Data Sheets (MSDS); including foreign language MSDS
- Assists Federal Government personnel who handle, store, transport, use, or dispose of hazardous materials – EPA, OSHA, DOT
- Online web or CD-ROM
- Website for manufacturers and Government agencies electronic MSDS document submittal
- Includes value-added info by Service-agency focal points: HAZCOM warning label & transportation info

Contact info

- **Program Manager**: Defense Logistics Information Service (DLIS), Kay Eggers, DSN 932-4472. Focal point for Help Desk support: Customer Service Office, DSN 932-4725 or commercial 1-888-352-9333
- **Functional Manager**: Defense Supply Center Richmond (DSCR) Linwood Gilman, DSN 695-3518. Provides Hazardous Information Help Desk support: (804) 279-6033 or DSN 695-6033.
- **DLA HMIRS Focal Point**: DSCR, Bob Cook, DSN 695-5252
- http://www.dlis.dla.mil/hmirs/

Hazardous Technical Information Services (HTIS)

Help Line: 800-848-HTIS

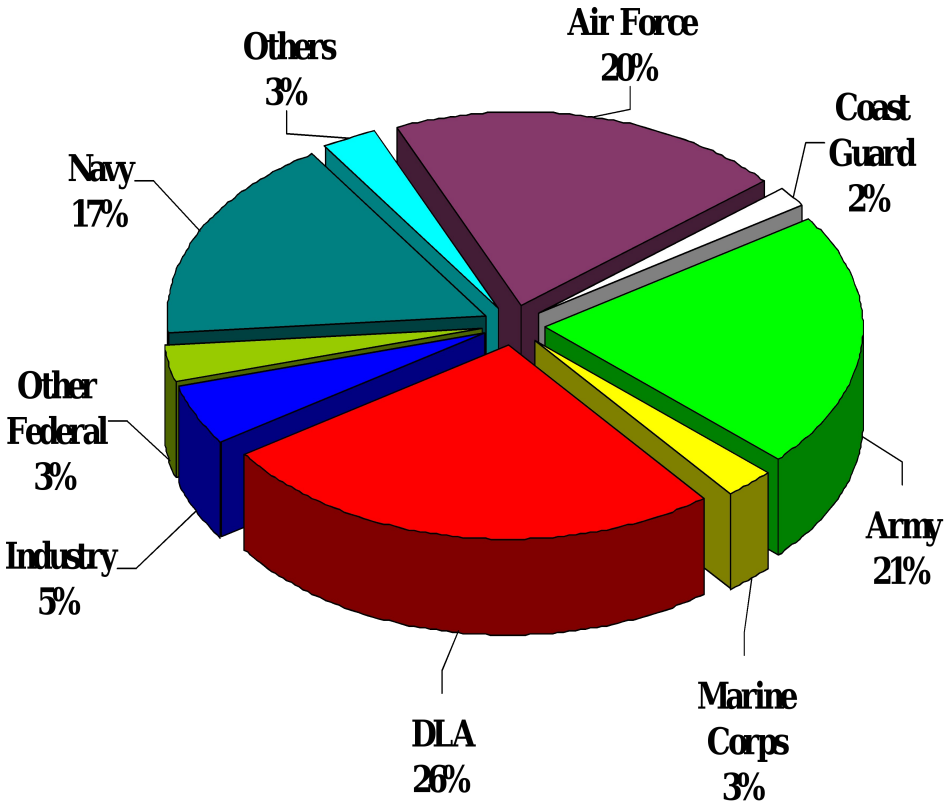
- **Environmental**
- **Safety & Health**
- **Transportation**
- **Packaging**
- **Logistics**

Bulletin

- **Bimonthly**
- **Over 8,000 Recipients**

Regulatory Alerts - weekly

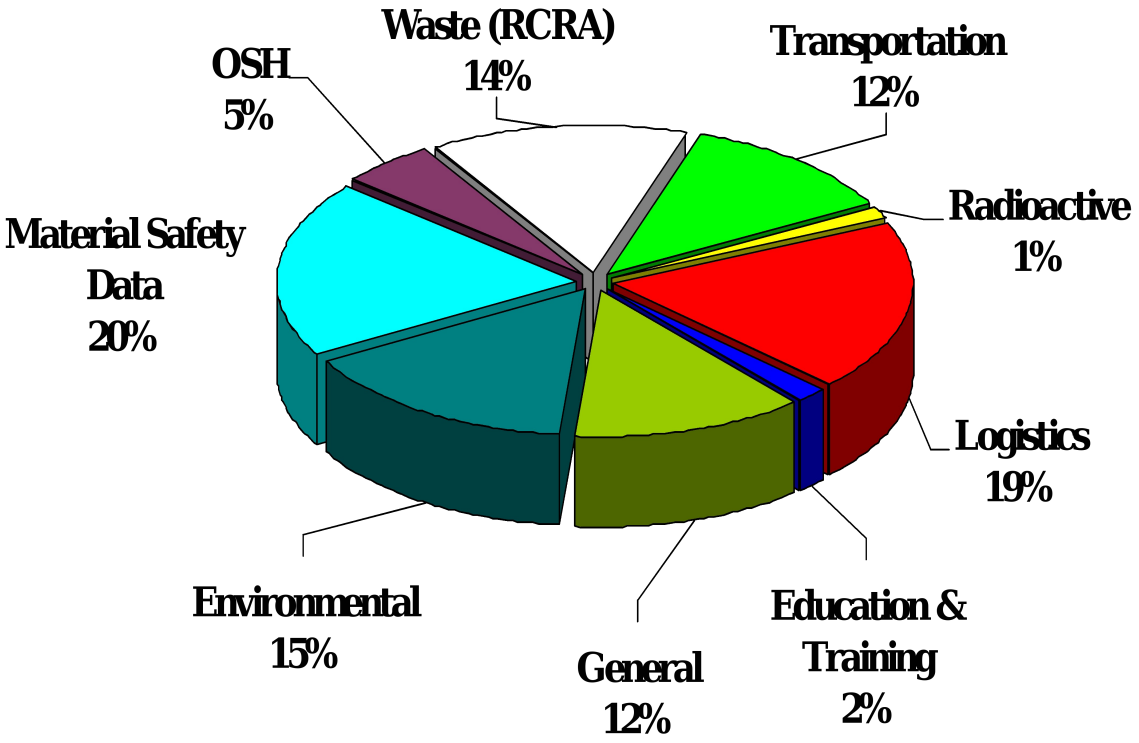
HTIS Hazardous Technical Information Services CUSTOMERS



FY 1990-2000

HTIS Hazardous Technical Information Services

INQUIRY SUBJECTS



FY 1990-2000

EXAMPLES OF INQUIRIES

- Gas Cylinder Adapters for Bosnia
- In-Flight Transport Call (Jet Engine Cargo Leaking Fluid)
- Preparation of Self-propelled Vehicles for Air Shipment
- Identification of Items Found at Storage Sites
- Disposal of Wood Treated Products
- Super Tropical Bleach (storage/SLF)

HTIS Hazardous Technical Information Services

CURRENT AWARENESS

- **Bimonthly HTIS Bulletin**
- **Information on:**
  - **Technical & Regulatory Guidance & Updates**
  - **HazMat & HazWaste Procedures**
  - **Environmental Policy & Managerial Issues**
  - **Health, Safety, Transportation , Packaging & Logistics**
  - **Pollution Prevention & Recycling**
  - **Environmental Products**

HTIS Hazardous Technical Information Services

HTIS HELP LINES

- **Monday - Friday: 0730 - 1630 ET**
- **DSN 695-5168 & (804) 279-5168**
  - **Voice mail after hours**
  - **800-848-HTIS**
  - **FAX: 279-4194**
- **Internet**
  - **htis@dscr.dla.mil**
  - **(http://www.dscr.dla.mil/htis/htis.htm)**
  - **Links from other DOD/Government Sites**
- **NOT for Emergency Response**

HTIS
Hazardous Technical Information Services

Joint Environmental Material Management Service (JEMMS)

- **Industrial Hazardous Materi**
- **Closed-loop Supply Chain**
- **Joint, Regional Support**
- **Reduces Intermediate Inventory Held by Services**

Okinawa Pilot Successful

DEFINITION: JEMMS is an integrated HM/HW ordering, procurement, storage, distribution, and disposal service.
- Features outsourced management of regional GOVT facilities that receive, store, and inventory HM.
- Customized milk-run deliveries deliver HM and pick-up HW from the end-use customer at participating sites.

Defense Reutilization & Marketing Service (DRMS)

- Disposal of Hazardous property (waste or material) to maximize the use of each item and minimize the environmental risks and the costs associated with disposal
  - FY02: $9M in cost savings to DoD due to HM acquisition through reutilization, sales, and disposal cost avoidance

- Environmentally Preferable Electronics Demanufacturing Service
  - In four years, 100 million pounds processed through controlled dispositions
  - About 25% requires demilitarization

Electronic Scrap Demanufacturing

- Breaking down hardware into component parts for reuse and recycling through
  - Two Commercial Contracts
  - MoA with Federal Prison Industries
- Results:
  - 34M lbs processed in FY 03
- Benefits:
  - Assures Environmental Compliance
  - Promotes Recycling and Reuse
  - Ensures Trade Security Controls
  - Accomplishes Demilitarization

The DoD Ozone Depleting Substances Reserve – at DSCR

(New)

Only Source for Weapon Systems Support

- Halons 1211 and 1301
- Refrigerants R-11, R-12
  R-114, R-500, and R-502

War Stoppers

ODS Reserve Program Guidance

- Halon and Refrigerant Recycling Program Supporting Major Weapons Systems ***(New)***
- Details and Guidance Provided on Web Site -

https://www.denix.osd.mil/denix/Public/News/DLA/ODS/tpreface.html

- Turn Ins Mandatory – Local Disposal or Sell Prohibited
- Outside of U.S. Best to Contact POCs on Next Slide -- Individual Country Laws and Regulations Continue to Evolve

POCs for ODS Reserve

(New)

Commercial 804-279-xxxx DSN 695-xxxx

Program Manager	**- Ron Sibley**	**4525**
Project Officers	**- Vicky Goforth**	**6102**
	- Joe Schmierer	**5202**
	- Bobby Carwile	**5203**
Contractor Support	**- Jerry Beasley**	**1789**
	- Craig Brant	**3414**

Email: odsreserve@dscr.dla.mil

Item Manager	**- Don Rickman**	**3756**
Item Manager Asst.	**- John Monroe**	**6451**

Types of Environmental Services Available to DoD Customers from Defense Energy Support Service

- Funding of recurring environmental compliance costs at Service fuel facilities:
  - *Operating fees, coop fees, response plans, waste disposal, sampling and testing*

- Funding of environmental projects
  - *Environmental compliance projects*
  - *Spill cleanup projects*

Environmental Expo
April 28, 2004

- Come and see the variety of environmental products and services DLA provides its customers
- Speak with the experts on:
  - Re-refined lubricating oil, Reclaimed engine coolant
  - Energy efficient lighting
  - Environmentally responsible Hazardous Waste management
  - Ozone Depleting Substances Reserve
- Live demonstrations on:
  - Environmental Reporting Logistics System
  - Joint Environmental Material Management System
  - Hazardous Material Information Resources System
  - DoD EMALL
- And more……Contact Mai Gordon Weiss, 703-767-6254, for more info

…Don't Miss it!

Questions?

Ask now or call me later!

Karen Moran, HQ DLA, DSS-E

Environment & Safety

DSN 427-6237

703-767-6237

karen.moran@dla.mil